EAST Search History

S9	1249	710/260.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 14:46
S10	157	714/51.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 14:48
S11	2060	700/121,123.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 14:48
S12	608	700/266,306.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 14:48
S13	359	700/204,244.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 14:48
S14	188	700/281,289.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 14:48
S15	4582	(S11 or S12 or S13 or S13 or S14 or S9 or S10)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 14:48
S16	2350589	(spincoat$3 or coat$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 14:49

EAST Search History

S17	657	S15 and S16	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 14:51
S18	443	(regulat$3 or control$4) with (process or operation) with hardware near3 interrupt$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 14:52
S19	0	S17 and S18	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 14:52
S20	14	S16 and S18	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 14:52
S21	0	("2004/0083953").URPN.	USPAT	OR	ON	2007/10/28 14:56
S22	40480	develop$3 with (rotat$3 or spin$4)	USPAT	OR	ON	2007/10/28 14:58
S23	57	S22 and hardware near3 interrupt$3	USPAT	OR	ON	2007/10/28 15:03
S24	6	S23 and (developer or develop$3 near3 (solution or liquid or agent or chemical or chemistry))	USPAT	OR	ON	2007/10/28 15:01
S25	14353	S22 and (developer or develop$3 near3 (solution or liquid or agent or chemical or chemistry))	USPAT	OR	ON	2007/10/28 15:02
S26	9224	(wafer or substrate) with (developer or develop$3 near3 (solution or liquid or agent or chemical or chemistry))	USPAT	OR	ON	2007/10/28 15:03
S27	1803	S22 and (wafer or substrate) with (developer or develop$3 near3 (solution or liquid or agent or chemical or chemistry))	USPAT	OR	ON	2007/10/28 15:11
S28	0	S27 and hardware near3 interrupt$3	USPAT	OR	ON	2007/10/28 15:04
S29	11	S27 and serial near3 (control$4 or process$3)	USPAT	OR	ON	2007/10/28 15:13

EAST Search History

S30	254788	(developer or developing near2 (liquid or solution or chemistry or chemical))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 15:10
S31	60022	(wafer or substrate) with (spincoat$3 or spin near2 coat$3 or rotat$3 or spin$4)	USPAT	OR	ON	2007/10/28 15:12
S32	8302	S30 and S31	USPAT	OR	ON	2007/10/28 15:12
S33	32	S32 and serial near3 (control$4 or process$3 algorithm)	USPAT	OR	ON	2007/10/28 15:25
S34	18631	develop$3 near3 (wafer or substrate or workpiece)	USPAT	OR	ON	2007/10/28 15:47
S35	5464	S31 and S34	USPAT	OR	ON	2007/10/28 15:24
S36	32	S32 and serial near3 (control$4 or process$3 or algorithm)	USPAT	OR	ON	2007/10/28 15:25
S37	0	S36 not S33	USPAT	OR	ON	2007/10/28 15:25
S38	47	S35 and serial near3 (control$4 or process$3 or algorithm)	USPAT	OR	ON	2007/10/28 15:46
S39	3186	S35 and ("118"/$.ccls. or "427"/$.ccls. or "438"/$.ccls. or 396/611, 627.ccls. or "430"/$.ccls.)	USPAT	OR	ON	2007/10/28 15:32
S40	42	S35 and S15	USPAT	OR	ON	2007/10/28 15:45
S41	37777	dispens$3 with (control$4 or regulat$3)	USPAT	OR	ON	2007/10/28 15:46
S42	106	S39 and S41	USPAT	OR	ON	2007/10/28 15:46
S43	2	S42 and serial near3 (control$4 or process$3 or algorithm)	USPAT	OR	ON	2007/10/28 16:04
S44	0	S42 and hardware near2 interrupt$3	USPAT	OR	ON	2007/10/28 15:50
S45	130949	(develop$3 or $5coat$3) near3 (wafer or substrate or workpiece)	USPAT	OR	ON	2007/10/28 15:48
S46	455803	(develop$3 or $5coat$3) and (wafer or substrate or workpiece)	USPAT	OR	ON	2007/10/28 15:56
S47	455803	(S45 or S46)	USPAT	OR	ON	2007/10/28 15:48
S48	3403	S47 and serial near3 (control$4 or process$3 or algorithm)	USPAT	OR	ON	2007/10/28 15:50
S49	133	S47 and serial near3 execut$3	USPAT	OR	ON	2007/10/28 15:50
S50	3474	(S48 or S49)	USPAT	OR	ON	2007/10/28 15:50
S51	110	S50 and hardware near2 interrupt$3	USPAT	OR	ON	2007/10/28 15:51

EAST Search History

S52	0	execut$3 with process near3 commands with parallel near3 (tim$3 or duration) with (previous or earlier) near3 (process or event or operation or command or routine or step)	USPAT	OR	ON	2007/10/28 15:58
S53	0	execut$3 with commands with parallel near3 (tim$3 or duration) near4 (start$3 or commenc$4 or begin$4 or measur$2) with (previous or earlier) near3 (process or event or operation or command or routine or step)	USPAT	OR	ON	2007/10/28 16:00
S54	0	(actuat$3 or process$3 or initiat$3) with commands with parallel near3 (tim$3 or duration) near4 (start$3 or commenc$4 or begin$4 or measur$2) with (previous or earlier) near3 (process or event or operation or command or routine or step)	USPAT	OR	ON	2007/10/28 16:01
S55	430	S47 and (prevent$3 or preclud$3 or avoid$3 or inhibit$3 or obviat$3 or stop$4) near4 tim$3 near3 (vary$3 or variation or variab$5 or error)	USPAT	OR	ON	2007/10/28 16:11
S56	17	S55 and serial near3 (control$4 or process$3 or algorithm)	USPAT	OR	ON	2007/10/28 16:08
S57	1	S55 and serial near3 execut$3	USPAT	OR	ON	2007/10/28 16:09
S58	114003	(detect$3 or sens$3 or pump or dispens$3 or nozzle or turntable or spin$4 near3 chuck or tim$3) with interrupt$3	USPAT	OR	ON	2007/10/28 16:11
S59	4157	(prevent$3 or preclud$3 or avoid$3 or inhibit$3 or obviat$3 or stop$4) near4 tim$3 near3 (vary$3 or variation or variab$5 or error)	USPAT	OR	ON	2007/10/28 16:11
S60	735	S58 and S59	USPAT	OR	ON	2007/10/28 16:13
S61	57	S60 and (S25 or S26 or S30 or S31 or S34 or S39 or S50)	USPAT	OR	ON	2007/10/28 16:13

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	22623	interrupt$3 same (dispens$3 or spray$3 or jet$4 or nozzle)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 14:00
S2	39380	develop$3 near3 (wafer or substrate or workpiece)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 14:50
S3	91	S1 and S2	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 14:01
S4	18	("4633804" | "5059266" | "5578127" | "5662785" | "5804046" | "6033480" | "6063190").PN. OR ("6416583").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 14:23
S5	282456	coat$3 near3 (wafer or substrate or workpiece)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 14:51
S6	685	S1 and S5	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 14:51
S7	597	S6 and tim$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 14:53
S8	33	S6 and (timer or timing near2 (error or variation or variabilit$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 14:58

S9	2560	(S2 or S5) and (timer or timing near2 (error or variation or variabilit$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 14:58
S10	35	S1 and S9	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 15:00
S11	0	S9 and (plural$3 or multiple) near3 subroutine	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 15:01
S12	4	S9 and series near3 subroutine	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 15:43
S13	57	S9 and serial near2 (control$4 or process$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 15:46
S14	2654	(rotat$3 or spin$8) with parallel with (dispens$3 or spray$3 or nozzle near3 (mov$5 or return$3 or position or stop$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 15:14
S15	7	S9 and S14	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 15:10
S16	183	(S2 or S5) and S14	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 15:14

EAST Search History

S17	8	(S2 or S5) and (series or sequential$2) near3 subroutine	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 15:44
S18	623	(S2 or S5) and serial near2 (control$4 or process$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 15:49
S19	131	S18 and (rotat$3 or spin$8) near3 (wafer or substrate or workpiece)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 16:45
S20	39	(software or hardware) near2 interrupt$3 and (rotat$3 or spin$8) near3 (wafer or substrate or workpiece)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 16:27
S21	1847	(software or hardware) near2 interrupt$3 and serial near3 (control$4 or process$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 16:28
S22	131	S1 and S21	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 16:28
S23	158618	("700"/$.ccls. or "702"/$.ccls. or "714"/$.ccls.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 16:44
S24	328497	(S1 or S2 or S5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 16:44

EAST Search History

S25	1752	S23 and S24	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 16:44
S26	305	S25 and (rotat$3 or spin$8) near3 (wafer or substrate or workpiece)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 16:46
S27	22	S26 and (S1 or S21)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 16:50
S28	895	("438"/$.ccls. or "430"/$.ccls. or "427"/$.ccls. or "396"/$.ccls.) and (S1 or S21)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 16:52